

Human Exploration Systems and Mobility Session Agenda

Time	Title	Submitter	Association / Organization	
10:15 AM	On-Orbit Tracking, Pose Estimation and Collision Avoidance for Autonomoous Rendezvous and Docking	Deslauriers	Neptec Design Group	
10:27 AM	Engaging the Academic Research Communities	Cardenas	USRA	
10:39 AM	Frontal Polymerization for In-Space Fabrication and Repair and for In-Situ Resource Utilization	Pojman	University of S. Mississippi	
10:51 AM	Automated Rendezvous and Docking for Space Exploration	Hines	Lockheed Martin	
11:03 AM	Considerations in Determining Surface Mobility and Operations Systems Capabilities	Zakrajsek	NASA/GRC	
11:15 AM	Self-Monitoring and Self-Recovering Software for Flight Systems	Goldberg	Krestel Technology	
11:27 AM	Interoperable Autonomous Information Management Systems	Harberts	Global Science & Technology, Inc	
11:39 AM	Non-Destructive Evaluation and Test	Pitman	The Aerospace Corporation	
11:51 AM	BREAK for Lunch			
1:00 PM	Needed In-Space Assembly Demonstrations	Moe	NASA/GSFC	
1:12 PM	3D Collaborative Simulation for Real-time Service, Maintenance, and Repair	Crabb	Orbital Technologies	
1:24 PM	Space Servicing, Maintenance and Repair	Reedman	MD Robotics	
1:36 PM	On-Orbit Assembly Transformational Technology	Wingo	SkyCorp	
1:48 PM	Adaptive Control of Large Structures for Space Exploration and Science Missions	Tinker	NASA/MSFC	
2:00 PM	Multi-Spectral Imaging for In-Space Inspection	Stahle	NASA/GSFC	
2:12 PM	Wearable Computing Technology	Lupisella	NASA/GSFC	
2:24 PM	Guiding Principles	Torrance	NASA/JSC	
2:36 PM	Review of Components for Large Spacecraft Implementation	Fullerton	NASA/JSC	
2:48 PM	Glass Tensegrity Space Structures Manufactured In-Space Using In-Situ Resources	Rakoczy	NASA/MSFC	
3:00 PM	Integrated Design for In-Space Assembly	Moe	NASA/GSFC	
3:12 PM	Moon/Mars Surface Science & Exploration Analog Missions and Precursor Missions	Lee	Mars Institute	
3:24 PM	Intelligent Modular Systems (IMS): Lunar Legos	Tinker	NASA/MSFC	
3:36 PM	Reserved			
3:48 PM	Reserved			
4:00 PM	Reserved			
4:15 PM	Break to Plenary Session			